

Table 1. Summary matrix of recommended environmental indicators for meeting management objectives for status and trends of surface waters (summary matrix)

[Shaded boxes with check marks are used to recommend a primary indicator (W.S. Davis, 4/15/92; revised 4/22/92. 6/23/92, 7/4/92, 7/13/92, 9/1/92, 11/4/92, 11/11/92; J.B. Stribling, 8/27/92)

Indicator group	Categories of management objectives					
	Human health		Ecological health		Economic concerns	
	Consumption of fish, shellfish, and wildlife	Public water supply and food processing	Recreation (fishing, boating, and swimming, including catchability) ¹	Aquatic and semi-aquatic life (protected species and aquaculture)	Industry, energy, and transportation	Agriculture and forestry
Biological response and exposure (direct)						
Macroinvertebrates		X				X
Fish.....						X
Semiaquatic wildlife	X					X
Pathogens						
Phytoplankton		X	X			
Periphyton						
Aquatic/semiaquatic plants		X		X	X	X
Zooplankton		X	X	X		X
Chemical exposure						
Water chemistry/odor/taste	X				X	
Sediment chemistry	X	X	X			X
Animal/plant-tissue chemistry		X			X	
Physical habitat						
Hydrological characteristics.....	X		X			
Water temperature.....	X	X			X	
Geomorphology and sediment physical characteristics	X	X				
Riparian or shoreline zone	X				X	
Watershed stressors						
Land use pattern.....	X	X	X	X	X	X
Location, setting, human alteration	X	X	X	X	X	X

¹This section also applies to "Human health."

NOTE: These indicators are intended to demonstrate the suitability of a water resource for a particular management objective or activity rather than to demonstrate the effect of the management objective on the water resources.